

# Refine Search

## Search Results -

Terms	Documents
L5 and (HWHGU54)	0

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L6

Refine Search

Recall Text

Clear

Interrupt

## Search History

DATE: Friday, April 21, 2006 [Printable Copy](#) [Create Case](#)

### Set Name Query

side by side

### Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L6</u>	L5 and (HWHGU54)	0	<u>L6</u>
<u>L5</u>	6878687.pn.	1	<u>L5</u>
<u>L4</u>	L2 and (HWHGU54)	0	<u>L4</u>
<u>L3</u>	L2 and (SEQ ID NO:1562)	1	<u>L3</u>
<u>L2</u>	6590075.pn.	1	<u>L2</u>
<u>L1</u>	6600019.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:52:53 ON 21 APR 2006

=> file medline, uspatful, dgene, embase, wpids, fsta, biosos  
'BIOSOS' IS NOT A VALID FILE NAME  
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 16:53:37 ON 21 APR 2006

FILE 'USPATFULL' ENTERED AT 16:53:37 ON 21 APR 2006  
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 16:53:37 ON 21 APR 2006  
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'EMBASE' ENTERED AT 16:53:37 ON 21 APR 2006  
Copyright (c) 2006 Elsevier B.V. All rights reserved.

FILE 'WPIDS' ENTERED AT 16:53:37 ON 21 APR 2006  
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'FSTA' ENTERED AT 16:53:37 ON 21 APR 2006  
COPYRIGHT (C) 2006 International Food Information Service

FILE 'BIOSIS' ENTERED AT 16:53:37 ON 21 APR 2006  
Copyright (c) 2006 The Thomson Corporation

=> e rosen, c/au

E1	4	ROSEN ZVI MICHAL/AU
E2	1	ROSEN ZWEIG JAMES/AU
E3	0 -->	ROSEN, C/AU
E4	1	ROSENA BRUCE R/AU
E5	1	ROSENABUM S/AU
E6	1	ROSENACKER A F/AU
E7	1	ROSENACKER ARTHUR F/AU
E8	4	ROSENADA CEPERO R/AU
E9	1	ROSENAGER L/AU
E10	1	ROSENAK B/AU
E11	59	ROSENAK B D/AU
E12	25	ROSENAK D/AU

=> e ruben, s/au

E1	1	RUBEN ZANCHETTA JOSE/AU
E2	2	RUBEN ZORRO/AU
E3	0 -->	RUBEN, S/AU
E4	11	RUBENACH B/AU
E5	12	RUBENACH BERNHARD/AU
E6	2	RUBENACH GERZ K/AU
E7	1	RUBENACH I/AU
E8	1	RUBENACH J/AU

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653HXP

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	8	JAN 30	Saved answer limit increased
NEWS	9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT <a href="http://download.cas.org/express/v8.0-Discover/">http://download.cas.org/express/v8.0-Discover/</a>
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer

E9 12 RUBENACH S/AU  
 E10 1 RUBENACH S E/AU  
 E11 4 RUBENACH SALLY/AU  
 E12 1 RUBENACH SALLY E/AU

=> s secreted protein  
 3 FILES SEARCHED...  
 L1 420416 SECRETED PROTEIN

=> s l1 and fragment  
 L2 49571 L1 AND FRAGMENT

=> s l2 and human  
 3 FILES SEARCHED...  
 L3 48677 L2 AND HUMAN

=> ss l3 and (HWHGU54)  
 L4 8 L3 AND (HWHGU54)

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 8 USPATFULL on STN  
 TI 94 **human** secreted proteins  
 AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:190160 USPATFULL  
 TITLE: 94 **human** secreted proteins  
 INVENTOR(S): Ruben, Steven M., Brookeville, MD, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
 Young, Paul, Gaithersburg, MD, UNITED STATES  
 Florence, Kimberly, Rockville, MD, UNITED STATES  
 Soppet, Daniel R., Centreville, VA, UNITED STATES  
 Brewer, Laurie A., St. Paul, MN, UNITED STATES  
 Endress, Gregory A., Florence, MA, UNITED STATES  
 Carter, Kenneth C., North Potomac, MD, UNITED STATES  
 Mucenski, Michael, Cincinnati, OH, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 LaFleur, David W., Washington, DC, UNITED STATES  
 Olsen, Henrik, Gaithersburg, MD, UNITED STATES  
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
 Moore, Paul A., North Bethesda, MD, UNITED STATES  
 Komatsoulis, George, Silver Spring, MD, UNITED STATES  
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004146930	A1	20040729
APPLICATION INFO.:	US 2004-800834	A1	20040316 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-115123, filed on 4 Apr 2002, PENDING Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, GRANTED, Pat. No. US 6475753 Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	18341	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 2 OF 8 USPATFULL on STN  
 TI Novel nucleic acids and polypeptides  
 AB The present invention provides novel nucleic acids, novel polypeptide sequences encoded by these nucleic acids and uses thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:70018 USPATFULL  
 TITLE: Novel nucleic acids and polypeptides  
 INVENTOR(S): Tang, Y. Tom, San Jose, CA, UNITED STATES  
 Liu, Chenghua, San Jose, CA, UNITED STATES  
 Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004053245	A1	20040318
APPLICATION INFO.:	US 2003-276774	A1	20030624 (10)
	WO 2001-US3800		20010205
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NUVELO, 675 ALMANOR AVE., SUNNYVALE, CA, 94085		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
LINE COUNT:	18750		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 3 OF 8 USPATFULL on STN  
 TI Methods and compositions for diagnosing and treating rheumatoid arthritis  
 AB The invention provides methods and compositions for diagnostic assays for detecting R.A. and therapeutic methods and compositions for treating R.A. The invention also provides methods for designing, identifying, and optimizing therapeutics for R.A. Diagnostic compositions of the invention include compositions comprising detection agents for detecting one or more genes that have been shown to be up- or down-regulated in cells of R.A. relative to normal counterpart cells. Exemplary detection agents include nucleic acid probes, which can be in solution or attached to a solid surface, e.g., in the form of a microarray. The invention also provides computer-readable media comprising values of levels of expression of one or more genes that are up- or down-regulated in R.A.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:220740 USPATFULL  
 TITLE: Methods and compositions for diagnosing and treating rheumatoid arthritis  
 INVENTOR(S): Pittman, Debra D., Windham, NH, UNITED STATES

Feldman, Jeffrey L., Arlington, MA, UNITED STATES  
Shields, Kathleen M., Harvard, MA, UNITED STATES  
Trepicchio, William L., Andover, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003154032	A1	20030814
APPLICATION INFO.:	US 2001-23451	A1	20011217 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-255861P	20001215 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Patent Group, FOLEY, HOAG & ELIOT LLP, One Post Office Square, Boxton, MA, 02109	
NUMBER OF CLAIMS:	40	
EXEMPLARY CLAIM:	1	
LINE COUNT:	25385	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 8 USPATFULL on STN

TI **Secreted protein** HCEJQ69

AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:93790 USPATFULL

TITLE: **Secreted protein** HCEJQ69

INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
Young, Paul, Gaithersburg, MD, UNITED STATES  
Florence, Kimberly, Rockville, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Brewer, Laurie A., St. Paul, MN, UNITED STATES  
Endress, Gregory A., Florence, MA, UNITED STATES  
Carter, Kenneth C., North Potomac, MD, UNITED STATES  
Mucenski, Michael, Cincinnati, OH, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
LaFleur, David W., Washington, DC, UNITED STATES  
Olsen, Henrik, Gaithersburg, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Komatsoulis, George, Silver Spring, MD, UNITED STATES

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065151	A1	20030403
	US 6774216	B2	20040810
APPLICATION INFO.:	US 2002-115123	A1	20020404 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	94	
EXEMPLARY CLAIM:	1	
LINE COUNT:	18779	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 5 OF 8 USPATFULL on STN

TI **Secreted protein** HCEJQ69

AB The present invention relates to novel **human** secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing **human** secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:64730 USPATFULL

TITLE: **Secreted protein** HCEJQ69

INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES  
 Ni, Jian, Germantown, MD, UNITED STATES  
 Rosen, Craig A., Laytonsville, MD, UNITED STATES  
 Wei, Ying-Fei, Berkeley, CA, UNITED STATES  
 Young, Paul E., Gaithersburg, MD, UNITED STATES  
 Florence, Kimberly A., Rockville, MD, UNITED STATES  
 Soppet, Daniel R., Centreville, VA, UNITED STATES  
 Brewer, Laurie A., St. Paul, MN, UNITED STATES  
 Endress, Gregory A., Florence, MA, UNITED STATES  
 Carter, Kenneth C., North Potomac, MD, UNITED STATES  
 Mucenski, Michael, Cincinnati, OH, UNITED STATES  
 Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
 LaFleur, David W., Washington, DC, UNITED STATES  
 Olsen, Henrik S., Gaithersburg, MD, UNITED STATES  
 Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
 Moore, Paul A., Germantown, MD, UNITED STATES  
 Komatsoulis, George A., Silver Spring, MD, UNITED STATES

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003044851	A1	20030306
	US 6627741	B2	20030930
APPLICATION INFO.:	US 2001-12542	A1	20011212 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)

US 1998-89508P 19980616 (60)  
US 1998-89509P 19980616 (60)  
US 1998-89510P 19980616 (60)  
US 1998-90112P 19980622 (60)  
US 1998-90113P 19980622 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 71  
EXEMPLARY CLAIM: 1  
LINE COUNT: 18831  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 8 USPATFULL on STN  
TI 94 **Human** Secreted Proteins  
AB The present invention relates to novel **human** secreted proteins  
and isolated nucleic acids containing the coding regions of the genes  
encoding such proteins. Also provided are vectors, host cells,  
antibodies, and recombinant methods for producing **human**  
secreted proteins. The invention further relates to diagnostic and  
therapeutic methods useful for diagnosing and treating disorders related  
to these novel **human** secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:290742 USPATFULL  
TITLE: 94 **Human** Secreted Proteins  
INVENTOR(S): Ruben, Steven M., Olney, MD, United States  
Ni, Jian, Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Wei, Ying-Fei, Berkeley, CA, United States  
Young, Paul, Gaithersburg, MD, United States  
Florence, Kimberly, Rockville, MD, United States  
Soppet, Daniel R., Centreville, VA, United States  
Brewer, Laurie A., St. Paul, MN, United States  
Endress, Gregory A., Potomac, MD, United States  
Carter, Kenneth C., Potomac, MD, United States  
Mucenski, Michael, Cincinnati, OH, United States  
Ebner, Reinhard, Gaithersburg, MD, United States  
Lafleur, David W., Washington, DC, United States  
Olsen, Henrik, Gaithersburg, MD, United States  
Shi, Yanggu, Gaithersburg, MD, United States  
Moore, Paul A., Germantown, MD, United States  
Komatsoulis, George, Silver Spring, MD, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6475753	B1	20021105
APPLICATION INFO.:	US 1999-461325		19991214 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1999		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-89507P	19980616 (60)
	US 1998-89508P	19980616 (60)
	US 1998-89509P	19980616 (60)
	US 1998-89510P	19980616 (60)
	US 1998-90112P	19980622 (60)
	US 1998-90113P	19980622 (60)
DOCUMENT TYPE:	Utility	



FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Eyler, Yvonne  
ASSISTANT EXAMINER: Hamud, Fozia  
LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.  
NUMBER OF CLAIMS: 37  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)  
LINE COUNT: 18031  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 8 DGENE COPYRIGHT 2006 The Thomson Corp on STN  
TI New isolated **human** genes and the secreted polypeptides they  
encode, useful for diagnosis and treatment of e.g. cancers, neurological  
disorders, immune diseases, inflammation or blood disorders -  
AN AAY86217 Protein DGENE  
AB AAZ97019 to AAZ97137 represent 94 isolated **human**  
**secreted protein** genes. AAY86215 to AAY86333 are the  
secreted proteins encoded by the 94 **human** genes. This sequence  
represents a **fragment** of one of the **human** secreted  
proteins. The genes and their corresponding secreted polypeptides are  
useful for preventing, treating or ameliorating medical conditions, e.g.,  
by protein or gene therapy. Also pathological conditions can be diagnosed  
by determining the amount of the new polypeptides in a sample or by  
determining the presence of mutations in the new genes. Specific uses are  
described for each of the 94 genes, based on which tissues they are most  
highly expressed in, and include developing products for the diagnosis or  
treatment of cancer, tumours, developmental abnormalities and foetal  
deficiencies, blood disorders, diseases of the immune system, autoimmune  
diseases, inflammation, allergies, Alzheimer's and cognitive disorders,  
schizophrenia, arthritis, asthma, psoriasis, sepsis, skin disorders,  
atherosclerosis, diabetes, cardiovascular disorders, kidney disorders,  
digestive/endocrine disorders, infections and AIDS. The polypeptides are  
also useful for identifying their binding partners. The sequences shown  
in AAY86334 to AAY86585 represent fragments of the secreted proteins.

ACCESSION NUMBER: AAY86217 Protein DGENE  
TITLE: New isolated **human** genes and the secreted  
polypeptides they encode, useful for diagnosis and treatment  
of e.g. cancers, neurological disorders, immune diseases,  
inflammation or blood disorders -  
INVENTOR: Ruben S M; Ni J; Rosen C A; Wei Y; Young P E; Florence K A;  
Soppet D R; Brewer L A; Endress G A; Carter K C; Mucenski M;  
Ebner R; Lafleur D W; Olsen H S; Shi Y; Moore P A;  
Komatsoulis G

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.

PATENT INFO: WO 9966041 A1 19991223 586

APPLICATION INFO: WO 1999-US13418 19990615

PRIORITY INFO: US 1998-89507 19980616

US 1998-89508 19980616

US 1998-89509 19980616

US 1998-89510 19980616

US 1998-90112 19980622

US 1998-90113 19980622

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-106100 [09]

CROSS REFERENCES: N-PSDB: AAZ97021

DESCRIPTION: **Human secreted protein**  
**HWHGU54**, SEQ ID NO:132.

L4 ANSWER 8 OF 8 DGENE COPYRIGHT 2006 The Thomson Corp on STN  
TI New isolated **human** genes and the secreted polypeptides they  
encode, useful for diagnosis and treatment of e.g. cancers, neurological  
disorders, immune diseases, inflammation or blood disorders -

AN AAZ97021 cDNA DGENE

AB AAZ97019 to AAZ97137 represent 94 isolated **human secreted protein** genes. AAY86215 to AAY86333 are the secreted proteins encoded by the 94 **human** genes. This sequence represents a **fragment** of one of the **human** secreted proteins. The genes and their corresponding secreted polypeptides are useful for preventing, treating or ameliorating medical conditions, e.g., by protein or gene therapy. Also pathological conditions can be diagnosed by determining the amount of the new polypeptides in a sample or by determining the presence of mutations in the new genes. Specific uses are described for each of the 94 genes, based on which tissues they are most highly expressed in, and include developing products for the diagnosis or treatment of cancer, tumours, developmental abnormalities and foetal deficiencies, blood disorders, diseases of the immune system, autoimmune diseases, inflammation, allergies, Alzheimer's and cognitive disorders, schizophrenia, arthritis, asthma, psoriasis, sepsis, skin disorders, atherosclerosis, diabetes, cardiovascular disorders, kidney disorders, digestive/endocrine disorders, infections and AIDS. The polypeptides are also useful for identifying their binding partners. The sequences shown in AAY86334 to AAY86585 represent fragments of the secreted proteins.

ACCESSION NUMBER: AAZ97021 cDNA DGENE

TITLE: New isolated **human** genes and the secreted polypeptides they encode, useful for diagnosis and treatment of e.g. cancers, neurological disorders, immune diseases, inflammation or blood disorders -

INVENTOR: Ruben S M; Ni J; Rosen C A; Wei Y; Young P E; Florence K A; Soppet D R; Brewer L A; Endress G A; Carter K C; Mucenski M; Ebner R; Lafleur D W; Olsen H S; Shi Y; Moore P A; Komatsoulis G

PATENT ASSIGNEE: (HUMA-N)HUMAN GENOME SCI INC.

PATENT INFO: WO 9966041 A1 19991223 586

APPLICATION INFO: WO 1999-US13418 19990615

PRIORITY INFO: US 1998-89507 19980616  
US 1998-89508 19980616  
US 1998-89509 19980616  
US 1998-89510 19980616  
US 1998-90112 19980622  
US 1998-90113 19980622

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2000-106100 [09]

CROSS REFERENCES: P-PSDB: AAY86217

DESCRIPTION: **Human secreted protein** gene 3  
cDNA clone **HWHGU54**, SEQ ID NO:13.